

APR 18 2005  
2133

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April 5, 2005

Suzanne Stephens  
Suzanne Stephens

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

ASHOK N. RUDRAPATNA  
NARESH SHARMA

Serial No.: 09/967,009

Filed: SEPTEMBER 28, 2001

For: HARQ TECHNIQUES FOR  
MULTIPLE ANTENNA  
SYSTEMS

Group Art Unit: 2133

Examiner: STEPHEN M. BAKER

Conf. No.: 5654

Atty. Dkt.: 2100.011200  
RUDRAPATNA 21-1

CUSTOMER NO.: 046290

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed foreign patent documents and journal articles required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

In accordance with 37 C.F.R. §§ 1.97(g),(h), this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be



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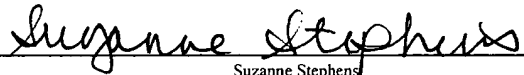
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RE: *U.S. Patent Application Serial No. 09/967,009*  
*Entitled: "HARQ TECHNIQUES FOR MULTIPLE ANTENNA SYSTEMS"*  
*Inventor(s): ASHOK N. RUDRAPATNA and NARESH SHARMA*  
*Client Reference: RUDRAPATNA 21-1*

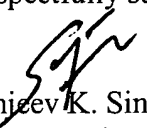
Sir:

Enclosed for filing in the above-referenced patent application is a Supplemental Information Disclosure Statement, PTO-Form 1449 and references.

A fee as set forth in 37 C.F.R. § 1.17(p) in the amount of \$180.00 is enclosed herewith. If an appropriate check has not been enclosed, or if it is insufficient, the Director is hereby authorized to deduct any necessary fees from Williams, Morgan & Amerson, P.C. Deposit Account No. 50-0786/2100.011200.

Please date stamp and return the enclosed postcard evidencing receipt of these materials.

Respectfully submitted,

  
Sanjeev K. Singh, Ph.D.  
\*under 37 CFR §10.9(b)

SS/sbs  
Encl.

construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

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Applicants respectfully request that the listed documents be made of record in the present case.

Respectfully submitted,

Date: April 5, 2005

WILLIAMS, MORGAN & AMERSON, P.C.

By: 

Sanjeev K. Singh, Ph.D.  
under 37 CFR § 10.9(b)  
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Form PTO-1449 (modified)

Atty. Docket No.  
2100.011203Serial No.  
09/967,009List of Patents and Publications for Applicant's  
SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicant  
Ashok N. RudrapatnaFiling Date:  
9/28/01Group:  
2133U.S. Patent Documents  
*See Page 1*Foreign Patent Documents  
*See Page 1*Other Art  
*See Page 1*

## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	A1	5,657,325	8/12/97	Lou, et al	370	334	4/26/96
	A2	6,144,711	11/7/00	Raleigh, et al	375	347	8/27/97
	A3						
	A4						
	A5						

## Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B1	EP0736979	10/9/06	EP			
	B2	EP1172959	1/16/02	EP			
	B3	WO01/37433	5/25/01	PCT			Yes
	B4						
	B5						

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C1	Costello, et al: "Applications of Error-Control Coding" IEEE Transactions on Information Theory, Vol. 44, No. 6, October 1998, Pages 2531-2560
	C2	Chapter 10: "The Data Link Layer: Concepts and Functions" Page 342-374
	C3	

EXAMINER:

DATE CONSIDERED:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

